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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

MAY, 1931

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Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Conserving corn from weevils in the Gulf Coast States. E. A. Back, Bureau of Entomology. 30 p., illus. (Farmers' Bulletin 1029F., rev.) Price, 5¢.

Raising sheep on temporary pastures. F. R. Marshall and C. G. Potts, Bureau of Animal Industry. 16 p., illus. (Farmers' Bulletin 1181F., rev.) Price, 5¢.

Standard breeds and varieties of chickens. I. American, Asiatic, English, and Mediterranean classes. M. A. Jull, Bureau of Animal Industry. 38 p., illus. (Farmers' Bulletin 1506F., rev.) Price, 10¢.

Beef production on the farm. W. H. Black and E. W. McComas, Bureau of Animal Industry. 14 p., illus. (Farmers' Bulletin 1592F., rev.) Price, 5¢.

Farmers' Bulletins 1601–1625. Title page and table of contents. 9 p. Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in formal, popular style, and are limited to eight pages.

Is the public market a good civic investment? Caroline B. Sherman, Bureau of Agricultural Economics. 8 p., illus. (Leaflet 73L.) Price, 5¢.

A discussion of the economic factors affecting the establishment of a public market as a civic investment. It shows the relation of the farmer to the community and describes the buying habits of a community.

Warts on cattle. G. T. Creech, Bureau of Animal Industry. 4 p., illus. (Leaflet 75L.) Price, 5¢.

Of interest to cattlemen. Discusses the cause of warts on cattle and the resulting injury to hides and leather. Preventive measures and methods of treatment are given in detail.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Technical Bulletins 176–200. Title page and table of contents. 12 p. Price, 5¢.

The chemical eradication of Ribes. H. R. Offord, Bureau of Plant Industry. 24 p., illus. (Technical Bulletin 240T.) Price, 10¢.

Intended to show the economic value of chemical eradication of Ribes, as a means of limiting the spread of white pine rust in commercial timber areas.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Fig insects in California. Perez Simmons, W. D. Reed, and E. A. McGregor, Bureau of Entomology. 72 p., illus. (Circular 157C.) Price, 20¢.

A discussion of the damage caused by the fig insects affecting the dried-fig industry in California. Recommendations for their control, the varieties of figs affected, and the present existing quarantine regulations are given in detail.

Manufacture of dimension stock from northern hardwoods. A. O. Benson, Forest Service. 62 p., illus. (Circular 163C.) Price, 15¢.

Intended for hardwood operators engaged in or contemplating the production of dimension stock. It contains extensive tabular data, and a discussion of seasoning and handling methods.

The Dutch elm disease. Curtis May and G. F. Gravatt, Bureau of Plant Industry. 10 p., illus. (Circular 170C.) Price, 5¢.

A discussion of the serious effect of the Dutch elm disease on our shade and forest trees. The purpose of the circular is to interest tree lovers in sending in specimens from unhealthy elms in order to ascertain at once proper control policies.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils which controls their distribution.

Iowa, Lyon County. (1927, No. 11.) Price, 20¢. Kans., Crawford County. (1928, No. 3.) Price, 10¢. New York, St. Lawrence County. (1925, No. 34.) Price, 50¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Regulations for warehousemen storing seeds under the United States warehouse act. Bureau of Agricultural Economics. 21 p. (S. R. A., B. A. E. 122.) Price, 5¢.

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry for April, 1931. pp. 35–44 (S. R. A., B. A. I. 288.) Price, 5¢.

Amendment of July 8, 1930, to Federal food and drugs act and requirements thereunder. (Sec. 8 of food and drugs act, par. 5 in the case of food.) Food and Drug Administration. 8 p. (S. R. A., F. D. No. 4, Rev. 1.) Price, 5¢.

Notice of judgment under the regulations of the naval stores act. Food and Drug Administration. 1 p. (N. J., N. S. No. 3.) Price, 5¢.

Revised rules and regulations governing the movement of plants and plant products into and out of the District of Columbia. Plant Quarantine and Control Administration. 7 p. (PQCA—DC. Regs.) Price, 5¢.

OTHER PUBLICATIONS

Yearbook, 1931. 1113 p., illus. Price, $1.50. For sale only.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 15, No. 5, May 1, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Climatological data. Vol. 17, No. 13, Annual, 1930. Vol. 18, No. 1, January, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 64, No. 6–8. April–June, 1931. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Extension service review. Vol. 2, No. 5, May, 1931. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year, foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them as long as the limited supply lasts.

——— Vol. 42, No. 9, illus. May 1, 1931.

CONTENTS:

Metaxenia in cotton. Key No. G–769. George J. Harrison.
Development of the citrus-scab organism, *Sphaceloma fawcettii*. Key. No. G–762. Anna E. Jenkins.
The mechanism of sex in *Uromyces appendiculatus* and *U. vignae*. Key. No. G–770. C. Frederic Andrus.
Two wild grasses as hosts of the Hessian fly, *Phytophaga destructor*. Key No. K–216. W. B. Noble.
Nutrients used for maintenance by growing dairy cattle. Key No. Minn.–72. T. W. Gullickson and C. H. Eckles.
Nutrient requirements for normal growth of dairy cattle. Key No. Minn.–73. C. H. Eckles and T. W. Gullickson.

——— Vol. 42, No. 10, illus. May 15, 1931.

CONTENTS:

Some effects of chilling temperatures on sweetpotatoes. Key No. G–758. J. I. Lanritzen.
Effect of abnormally long and short alternations of light and darkness on growth and development of plants. Key No. G–771. W. W. Garner and H. A. Allard.
Germicidal efficiency of orthophenylphenol against *Mycrobacterium tuberculosis*. Key No. A–145. F. W. Tilley, A. D. MacDonald, and J. M. Schaffer.
The effect of salt on the microbial heating of alfalfa hay. Key No. E–46. L. S. Stuart and Lawrence H. James.
A preliminary study of the determination of the apparent digestibility of protein by modified procedures. Key No. Okla.–18. Willis D. Gallup and A. H. Kuhlman.
Changes in the sugar, oil, and gossypol content of the developing cotton boll. Key No. Okla.–19. Charles Caskey, jr., and Willis D. Gallup.
The effect of pasteurizing and homogenizing temperatures on certain properties of ice-cream mixes. Key No. Pa.–33. C. D. Dahle and G. S. Barnhart.
A study of the cotton plant with especial reference to its nitrogen content. Key No. S. C.–4. G. M. Armstrong and W. B. Albert.

Monthly weather review. Vol. 59, No. 2. February, 1931. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[1] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Public roads. Vol 12, No. 2, April, 1931. Illus. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

The official record. Vol. 10, Nos. 18–22, May 2, 9, 16, 23, 30, 1931. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 17–21, April 28, May 5, 12, 19, 26, 1931. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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